

- (11) Unexamined Japanese Utility Model Publication No. S51-22934
- (43) Date of Publication of Application: February 19, 1976
- (51) Int. Cl.2: B65D25/04, 81/06, 1/24
- (54) Title of the Invention: Bobbin container
- (21) Japanese Utility Model Application No.: S49-93902
- (22) Date of Filing: August 5, 1974
- (72) Creator of Device: Yoshitada Kai
- (71) Applicant: Taiho Kogyo K.K.

What is claimed is:

A bobbin container comprising a bottom lower part holder disposed in the bottom of a plurality of bobbin containing spaces formed by dividing a box-like containing space opened upward by partition plates, and a bobbin upper part support recess indenting upward opposite to the box-like containing space by vacuum forming of a thermoplastic synthetic resin sheet, wherein a lid is formed by indenting upward reinforcing rib grooves projecting radially from the bobbin upper part support recess and indenting upward vertical and lateral rib grooves oppositely upward of support plates of box, and the lid is disposed detachably in the opening of the box.

Brief Description of the Drawings

Fig. 1 is a perspective view of box in an embodiment of the invention, Fig. 2 is a sectional view of the same box, Fig. 3 is a partially cut-away magnified lower side view of the same box, Fig. 4 is a partially cut-away magnified sectional view along line X-X in Fig. 3, and Fig. 5 is a partially

cut-away magnified sectional view of fitting state of the box and lid, in which reference numeral 1 is a box, 2 is a partition plate, 3 is a bobbin containing space, 4 is a bobbin lower part holder, 5 is a bobbin upper part support recess, 6 is a reinforcing rib groove, 7 is a vertical and lateral rib groove, and 8 is a lid.

⑪ Int. Cl². ⑫ 日本分類
 B 65 D 25/04 132 C 3
 B 65 D 81/06
 B 65 D 1/24

公開実用新案公報

⑩実開昭51- 22934

庁内整理番号 6688-38

⑪公開 昭51(1976). 2.19

審査請求 有

⑬ボビン収容用容器

⑭実 願 昭49-93902
 ⑮出 願 昭49(1974)8月5日
 ⑯考 案 者 甲斐由定
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 21
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⑲実用新案登録請求の範囲

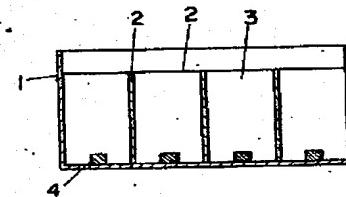
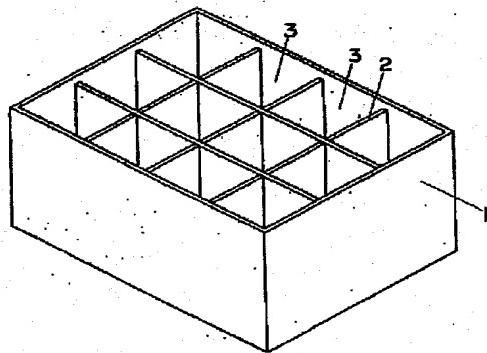
上方が開口せる箱体の収容空間を支切板にて区分して形成せる複数個のボビン収容空所の底部にボビン下部保持部を設け、熱可塑性合成樹脂シートを真空成形して上記箱体のボビン収容空所に対

向して上方に陷入せるボビン上部支持凹所を設けこのボビン上部支持凹所より放射状に連出せる補強リブ用溝を上方に陷入せしめると共に箱体の支持板の上方に対向して縦横リブ用溝を上方に陷入せしめて蓋体を形成し、箱体の開口部に蓋体を着脱自在として成るボビン収容用容器。

図面の簡単な説明

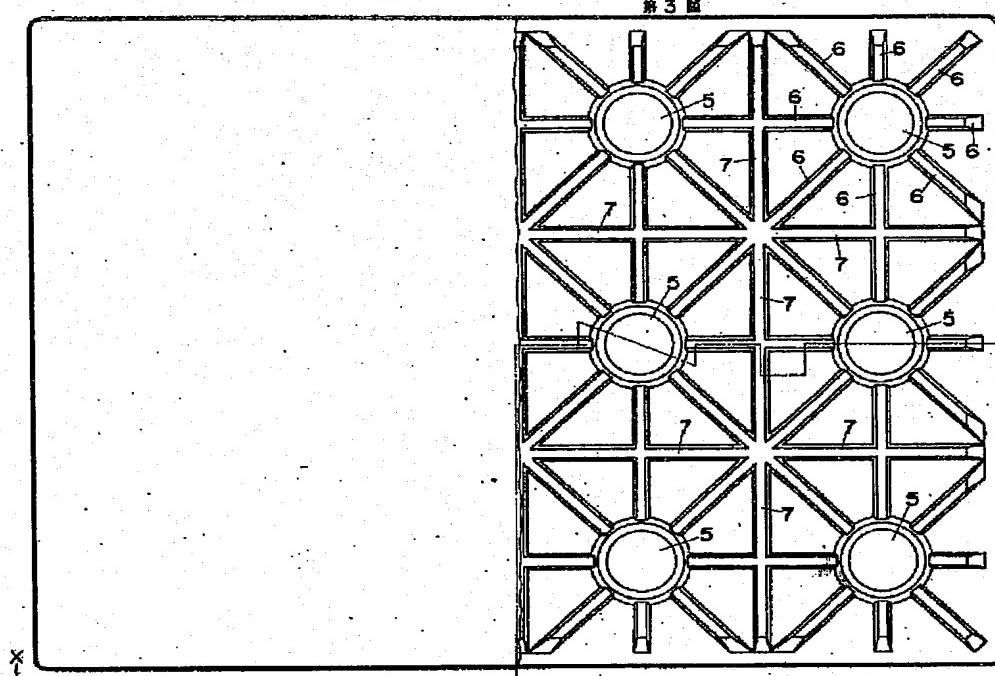
第1図は本考案の一実施例の箱体の斜視図、第2図は同上の箱体の断面図、第3図は同上の蓋体の一部省略拡大下面図、第4図は第3図のX-X線による一部切欠拡大断面図、第5図は同上の箱体と蓋体との嵌合状態の一部切欠拡大断面図であつて、1は箱体、2は支切板、3はボビン収容空所、4はボビン下部保持部、5はボビン上部保持凹所、6は補強リブ用溝、7は縦横リブ用溝、8は蓋体を示すものである。

第1図

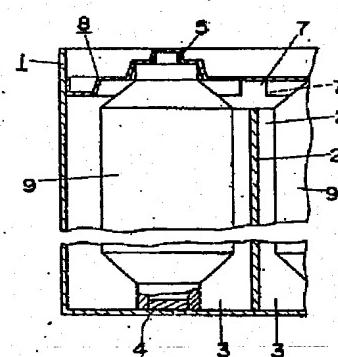
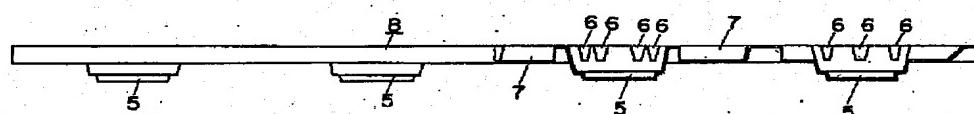


第2図

第3図



第4図



第5図